



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/713,808

DATE: 09/03/2004

TIME: 11:12:38

Input Set : A:\Sequence listing_89212.0014.txt

Output Set: N:\CRF4\09032004\J713808.raw

in

3 <110> APPLICANT: University of Southern California
 4 Hoon, Dave S. B.
 5 Takeuchi, Hiroya
 7 <120> TITLE OF INVENTION: Detection of Micro Metastasis of Melanoma and Breast Cancer
 8 Paraffin-Embedded Tumor Draining Lymph Nodes by Multimarker
 9 Quantitative RT-PCR
 11 <130> FILE REFERENCE: 89212.0014
 13 <140> CURRENT APPLICATION NUMBER: US 10/713,808
 14 <141> CURRENT FILING DATE: 2003-11-14
 16 <150> PRIOR APPLICATION NUMBER: US 60/426,216
 17 <151> PRIOR FILING DATE: 2002-11-14
 19 <160> NUMBER OF SEQ ID NOS: 15
 21 <170> SOFTWARE: PatentIn version 3.2
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 24
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Artificial
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: Synthetic oligonucleotide
 31 <400> SEQUENCE: 1
 32 cagaacagtc accaccacct tatt
 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 25
 37 <212> TYPE: DNA
 38 <213> ORGANISM: Artificial
 40 <220> FEATURE:
 41 <223> OTHER INFORMATION: Synthetic oligonucleotide
 43 <400> SEQUENCE: 2
 44 agctcctgcc cacactcccg cctgt
 47 <210> SEQ ID NO: 3
 48 <211> LENGTH: 24
 49 <212> TYPE: DNA
 50 <213> ORGANISM: Artificial
 52 <220> FEATURE:
 53 <223> OTHER INFORMATION: Synthetic oligonucleotide
 55 <400> SEQUENCE: 3
 56 atgaggctgc tttcactatc cgca
 59 <210> SEQ ID NO: 4
 60 <211> LENGTH: 23
 61 <212> TYPE: DNA
 62 <213> ORGANISM: Artificial
 64 <220> FEATURE:
 65 <223> OTHER INFORMATION: Synthetic oligonucleotide

24

25

24

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/713,808

DATE: 09/03/2004

TIME: 11:12:38

Input Set : A:\Sequence listing_89212.0014.txt

Output Set: N:\CRF4\09032004\J713808.raw

```

67 <400> SEQUENCE: 4
68 ccagactgat tacgcgctct ccc
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 24
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Synthetic oligonucleotide
79 <400> SEQUENCE: 5
80 cagcaatgcc tcctgcacca ccaa
83 <210> SEQ ID NO: 6
84 <211> LENGTH: 23
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Synthetic oligonucleotide
91 <400> SEQUENCE: 6
92 agagcactgg ccaaagagag gca
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 25
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Synthetic oligonucleotide
103 <400> SEQUENCE: 7
104 tcacatcaag gacctgcatt tgтта
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 26
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Synthetic oligonucleotide
115 <400> SEQUENCE: 8
116 ttcaccatgc atttgttgac agtatt
119 <210> SEQ ID NO: 9
120 <211> LENGTH: 22
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Synthetic oligonucleotide
127 <400> SEQUENCE: 9
128 tgggagctga tgacaagagg ag
131 <210> SEQ ID NO: 10
132 <211> LENGTH: 24
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Synthetic oligonucleotide
139 <400> SEQUENCE: 10

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/713,808

DATE: 09/03/2004

TIME: 11:12:38

Input Set : A:\Sequence_listing_89212.0014.txt

Output Set: N:\CRF4\09032004\J713808.raw

| | |
|--|----|
| 140 cctgctggaa tgtgatgaag acac | 24 |
| 143 <210> SEQ ID NO: 11 | |
| 144 <211> LENGTH: 18 | |
| 145 <212> TYPE: DNA | |
| 146 <213> ORGANISM: Artificial | |
| 148 <220> FEATURE: | |
| 149 <223> OTHER INFORMATION: Synthetic oligonucleotide | |
| 151 <400> SEQUENCE: 11 | |
| 152 cactgctacg caggctct | 18 |
| 155 <210> SEQ ID NO: 12 | |
| 156 <211> LENGTH: 18 | |
| 157 <212> TYPE: DNA | |
| 158 <213> ORGANISM: Artificial | |
| 160 <220> FEATURE: | |
| 161 <223> OTHER INFORMATION: Synthetic oligonucleotide | |
| 163 <400> SEQUENCE: 12 | |
| 164 tgctcagagt ttcattccg | 18 |
| 167 <210> SEQ ID NO: 13 | |
| 168 <211> LENGTH: 20 | |
| 169 <212> TYPE: DNA | |
| 170 <213> ORGANISM: Artificial | |
| 172 <220> FEATURE: | |
| 173 <223> OTHER INFORMATION: Synthetic oligonucleotide | |
| 175 <400> SEQUENCE: 13 | |
| 176 aggagcggca ggacgagcat | 20 |
| 179 <210> SEQ ID NO: 14 | |
| 180 <211> LENGTH: 25 | |
| 181 <212> TYPE: DNA | |
| 182 <213> ORGANISM: Artificial | |
| 184 <220> FEATURE: | |
| 185 <223> OTHER INFORMATION: Synthetic oligonucleotide | |
| 187 <400> SEQUENCE: 14 | |
| 188 atcagttaag caccctggaa gagag | 25 |
| 191 <210> SEQ ID NO: 15 | |
| 192 <211> LENGTH: 22 | |
| 193 <212> TYPE: DNA | |
| 194 <213> ORGANISM: Artificial | |
| 196 <220> FEATURE: | |
| 197 <223> OTHER INFORMATION: Synthetic oligonucleotide | |
| 199 <400> SEQUENCE: 15 | |
| 200 cctgcctcag gtggtgtgca ac | 22 |

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/713,808

DATE: 09/03/2004
TIME: 11:12:39

Input Set : A:\Sequence listing_89212.0014.txt
Output Set: N:\CRF4\09032004\J713808.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/713,808

DATE: 09/03/2004

TIME: 11:12:39

Input Set : A:\Sequence listing_89212.0014.txt

Output Set: N:\CRF4\09032004\J713808.raw